

EAST Search History

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|---|-----|--|--|----|--------|------------------|
| S11 58 | 479 | (US-20050093117-\$ or US-20050176171-\$ or US-20040217456-\$ or US-20040217470-\$ or US-20030228720-\$ or US-20040124505-\$ or US-20050104168-\$ or US-20050051877-\$ or US-20040080025-\$ or US-20040070056-\$ or US-20040262752-\$ or US-20030127711-\$ or US-20050224924-\$ or US-20050218499-\$ or US-20040164387-\$ or US-20050206010-\$ or US-20050098860-\$ or US-20050088565-\$ or US-20040056357-\$ or US-20030234445-\$ or US-20050218489-\$ or US-20050199987-\$ or US-20050194676-\$ or US-20020031865-\$ or US-20020019073-\$ or US-20020024127-\$).did. or (US-20020084518-\$ or US-20020109214-\$ or US-20010008305-\$ or US-20020025607-\$ or US-20020079563-\$ or US-20020005576-\$ or US-20020027276-\$ or US-20020096749-\$ or US-20020146864-\$ or US-20020182774-\$ or US-20030006055-\$ or US-20020192874-\$ or US-20020153596-\$ or US-20030001244-\$ or US-20030006492-\$ or US-20030052405-\$ or US-20030003627-\$ or US-20030082854-\$ or US-20020197826-\$).did. or (US-5953589-\$ or US-6008068-\$ or US-6025640-\$ or US-6084292-\$ or US-6100598-\$ or US-6198163-\$ or US-6201292-\$ or US-6338984-\$ or US-6258632-\$ or US-6455348-\$ or US-6670220-\$ or US-6462418-\$ or US-6798046-\$ or US-6794740-\$ or US-6777789-\$ or US-6759737-\$ or US-6750545-\$ or US-6713322-\$ or US-6700189-\$ or US-6700187-\$ or US-6686652-\$ or US-6667544-\$ or US-6642609-\$ or US-6828661-\$ or US-6713849-\$ or US-6661087-\$).did. or (US-6563199-\$ or US-6677667-\$ or | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/08 13:54 |
| 1/17/07 9:38:35 AM C:\Documents and Settings\Tha\My Documents\EAST\Workspaces\%flat-package-leadframe-tabs.wsp | | | | | Page 2 | |

EAST Search History

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|-----------|-----|---|---|----|----|------------------|
| S11 59 | 403 | S1158 and (leadframe (lead near1 frame)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:45 |
| S11 60 | 283 | S1159 and (((die mount\$3) near pad) (mount\$3 near (region pad area portion))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:46 |
| S11 61 | 242 | S1160 and ((lead contact terminal) with (expos\$3 flush\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:46 |
| S11 62 | 4 | ("6731011").URPN. | USPAT | OR | ON | 2007/01/08 14:21 |
| S11 63 | 26 | ("6603196").URPN. | USPAT | OR | ON | 2007/01/08 14:25 |
| S11 64 | 0 | ("7074654").URPN. | USPAT | OR | ON | 2007/01/08 14:29 |
| S11 65 | 24 | ("20020140068" "20040104457" "3668299" "4532419" "4905124" "4974120" "5172214" "5360992" "5574309" "5742479" "5753532" "5784259" "5822190" "5977613" "6040622" "6143981" "6249042" "6384472" "6476469" "6545332" "6603196" "6624005" "D445096" "D446525").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 14:29 |
| S11 66 | 50 | ("5822190").URPN. | USPAT | OR | ON | 2007/01/08 14:30 |
| S11 67 | 25 | ("20010052637" "20020140068" "3668299" "4532419" "4905124" "4974120" "5172214" "5360992" "5574309" "5742479" "5753532" "5784259" "5822190" "5977613" "6040622" "6060339" "6143981" "6384472" "6410355" "6476469" "6545332" "6603196" "6624005" "D445096" "D446525").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 14:35 |

EAST Search History

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| S11 68 | 31 | ("20020031869" "4530152" "4649418" "4674175" "5200362" "5216278" "5241133" "5291061" "5474958" "5612513" "5620928" "5662262" "5700981" "5776798" "5815372" "5880904" "5894108" "5937512" "5976912" "5981314" "5990545" "5998860" "6001671" "6031278" "6060778" "6087202" "6110755" "6172419" "6304306" "6309943" "RE36613").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 14:36 |
| S11 69 | 36 | ("20020140068" "3668299" "4532419" "4905124" "4974120" "4996411" "5172214" "5367766" "5574309" "5596486" "5740606" "5742479" "5753532" "5784259" "5789280" "5808359" "5822190" "5834755" "5856912" "5888624" "5893724" "5965867" "5977613" "6040622" "6143981" "6191951" "6321993" "6384472" "6462273" "6476469" "6545332" "6557769" "6603196" "6624005" "8360992" "D445096" "D446525").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 14:39 |

EAST Search History

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| S11 70 | 239 | ("20010008305" "20010014538" "20020011654" "20020024122" "20020140061" "20020140068" "2596993" "3435815" "3734660" "3838984" "4054238" "4189342" "4258381" "4289922" "4301464" "4332537" "4417266" "4451224" "4530152" "4646710" "4707724" "4737839" "4756080" "4812896" "4862245" "4862246" "4907067" "4920074" "4935803" "4942454" "4987475" "5029386" "5041902" "5059379" "5065223" "5070039" "5087961" "5091341" "5096852" "5157480" "5168368" "5172213" "5172214" "5200362" "5200809" "5214845" "5216278" "5218231" "5221642" "5250841" "5252853" "5258094" "5266834" "5273938" "5277972" "5278446" "5279029" "5294897" "5327008" "5332864" "5335771" "5336931" "5343076" "5365106" "5381042" "5391439" "5406124" "5410180" "5414299" "5424576" "5428248" "5435057" "5444301" "5454905" "5474958" "5484274" "5493151" "5508556" "5517056" "5521429" "5534467" "5539251" "5543657" "5544412" "5545923" "5581122" "5592019" "5592025" "5594274" "5604376" "5608267" "5625222" "5633528" "5639990" "5640047" "5641997" "5644169" "5646831" "5650663" "5665996" "5673479" "5683806" "5689135" "5696666" "5701034" "5703407" "5710064" "5723899" "5736432" "5745984" "5753977" "5766972" "5770888" "5776798" "5783861" "5801440" "5814877" "5814881" "5814883" "5814884" "5817540" "5818105" "5821457"). PN. OR ("5821615" "5834830" "5835988" "5844306" "5856911" "5859471" "5866939" "5871782" "5874784" "5877043" "5886398" "5894108" "5897339" "5900676" "5903049" "5903050" "5917242" "5939779" "5942794" "5951305" "5959356" "5973388" "5976912" "5977613" "5977615" "5977630" "5981314" "5986333" "5986885" "6001671" "6013947" "6018189" "6025640" "6031279" "6034423" "6040626" "6043430" "6060768" "6060769" "6072228" "6075284" "6081029" "6084310" "6087722" "6100594" "6113473" "6118174" "6118184" "6130115" "6130473" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 15:44 |
| 1/17/07 9:38:35 AM | C:\Documents and Settings\Tha My Documents\EAST\Workspaces\%flat-package-leadframe-tabs.wsp | | | | | Page 5 |

EAST Search History

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|-----------|------|---|---|----|----|------------------|
| S11 71 | 673 | 257/790.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:45 |
| S11 72 | 2856 | 438/124,126,127.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:45 |
| S11 73 | 3472 | S1171 S1172 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:45 |
| S11 74 | 1218 | S1173 and (leadframe (lead near1 frame)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:55 |
| S11 75 | 514 | S1174 and (((die mount\$3) near pad) (mount\$3 near (region pad area portion))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 10:15 |
| S11 76 | 278 | S1175 and ((lead contact terminal) with (expos\$3 flush\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:55 |
| S11 77 | 228 | S1176 not S1161 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:49 |
| S11 78 | 68 | S1177 and memory | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:49 |
| S11 79 | 194 | S1171 and (leadframe (lead near1 frame)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:55 |

EAST Search History

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|-----------|----|--|---|----|----|------------------|
| S11 80 | 46 | S1179 and ((lead contact terminal) with (expos\$3 flush\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:55 |
| S11 81 | 46 | S1180 not S1161 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:56 |
| S11 82 | 43 | S1180 not S1178 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:56 |
| S11 83 | 3 | ("6034421").URPN. | USPAT | OR | ON | 2007/01/08 16:01 |
| S11 84 | 6 | ("4821148" "5948991" "6025640" "6034421" "6117513" "6162657"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 16:04 |
| S11 85 | 0 | ("6300155").URPN. | USPAT | OR | ON | 2007/01/08 16:05 |
| S11 86 | 0 | ("6300155").URPN. | USPAT | OR | ON | 2007/01/08 16:05 |
| S11 87 | 1 | ("5793118").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 16:05 |
| S11 88 | 33 | ("5793118").URPN. | USPAT | OR | ON | 2007/01/08 16:06 |
| S11 89 | 2 | ("6764882").URPN. | USPAT | OR | ON | 2007/01/08 16:08 |

EAST Search History

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|-----------|-----|---|---|----|----|------------------|
| S11 90 | 56 | ("4305897" "4554126" "4701999" "4769344" "4779835" "4784872" "4818204" "4862245" "4900485" "4908178" "4984059" "5071334" "5074779" "5108955" "5184208" "5218759" "5252853" "5286679" "5304842" "5318677" "5344795" "5366933" "5367196" "5369056" "5436203" "5440169" "5441684" "5442234" "5461255" "5470892" "5471366" "5530295" "5550711" "5592735" "5596231" "5598034" "5604376" "5626887" "5652461" "5675182" "5693984" "5719442" "5766982" "5793118" "5796160" "5801074" "5807768" "5891759" "5986336" "5989940" "5998243" "6001672" "6002173" "6107690" "6252308" "6538311").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/08 16:08 |
| S11 91 | 174 | OKUAKI-Y OKUAKI-YUTAKA | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 08:09 |
| S11 92 | 87 | S1191 and (leadframe lead (lead near frame)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 09:57 |
| S11 93 | 87 | S1191 not S1192 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 08:25 |
| S11 94 | 42 | US-6377742-\$.DID. OR US-5734197-\$. DID. OR US-6080999-\$.DID. OR US-5763942-\$.DID. OR US-5986333-\$. DID. OR US-5223738-\$.DID. OR US-5773878-\$.DID. OR US-4797726-\$. DID. OR US-6008528-\$.DID. OR US-5647034-\$.DID. or US-6307755-\$. DID. OR US-6008528-\$.DID. OR US-5148243-\$.DID. or US-5245198-\$. DID. or US-5519596-\$.DID. OR US-6222258-\$.DID. OR US-5763942-\$. DID. OR US-6222258-\$.DID. OR US-5309018-\$.DID. OR US-5235245-\$. DID. or US-6507035-\$.DID. OR US-5587606-\$.DID. OR US-6060337-\$. DID. OR US-5214495-\$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 08:33 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|--------|------|---|---|------------------|---------|------------------|
| S11 95 | 3 | ("5214495").URPN. | USPAT | OR | ON | 2007/01/09 08:36 |
| S11 96 | 7 | ("3597524" "4284898" "4307297" "4633582" "4694183" "4933729" "5081520").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/09 08:40 |
| S11 97 | 48 | KANATAKE KANATAKE-M KANATAKE-MITSUHITO | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/09 08:42 |
| S11 98 | 22 | S1197 and (leadframe lead (lead near frame)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 09:05 |
| S11 99 | 0 | "6910635".in. and thickness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 09:54 |
| S12 00 | 1 | "6910635".pn. and thickness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 09:54 |

EAST Search History

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|--|-----|---|--|----|----|------------------|
| S12 01 | 501 | (US-20050218489-\$ or US-20050218499-\$ or US-20050224924-\$ or US-20050176171-\$ or US-20050104168-\$ or US-20050098860-\$ or US-20050194676-\$ or US-20050199987-\$ or US-20040262752-\$ or US-20040124505-\$ or US-20050093117-\$ or US-20050088565-\$ or US-20040070056-\$ or US-20030228720-\$ or US-20040217456-\$ or US-20040164387-\$ or US-20040056357-\$ or US-20030234445-\$ or US-20030003627-\$ or US-20030006492-\$ or US-20030006055-\$ or US-20050206010-\$ or US-20040080025-\$ or US-20020109214-\$ or US-20030052405-\$ or US-20030001244-\$).did. or (US-20020197826-\$ or US-20050051877-\$ or US-20020192874-\$ or US-20040217470-\$ or US-20020146864-\$ or US-20030127711-\$ or US-20030082854-\$ or US-20020096749-\$ or US-20020025607-\$ or US-20020182774-\$ or US-20020024127-\$ or US-20020153596-\$ or US-20020019073-\$ or US-20020005576-\$ or US-20020084518-\$ or US-20020079563-\$ or US-20020031865-\$ or US-20020027276-\$ or US-20010008305-\$ or US-20020020923-\$ or US-20020020906-\$).did. or (US-6967125-\$ or US-6967128-\$ or US-6790711-\$ or US-6953988-\$ or US-6940154-\$ or US-6936927-\$ or US-6930377-\$ or US-6867071-\$ or US-6864423-\$ or US-6927478-\$ or US-6927096-\$ or US-6924549-\$ or US-6917097-\$ or US-6903449-\$ or US-6897549-\$ or US-6897428-\$ or US-6893903-\$ or US-6893898-\$ or US-6891256-\$ or US-6885086-\$ or US-6882035-\$ or US-6878570-\$ or US-6876087-\$ or US-6876068-\$ or | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/09 09:56 |
| 1/17/07 9:47:44 AM C:\Documents and Settings\T.Hall\My Documents\EAST\Workspaces\%flat-package-leadframe-tabs.wsp | | | | | | Page 2 |

EAST Search History

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|-----------|-----|--|---|----|----|------------------|
| S12 02 | 474 | S1201 and (leadframe lead (lead near frame)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 09:58 |
| S12 03 | 105 | S1202 and (memory card) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 09:58 |
| S12 04 | 35 | S1203 and (thickness with (etch etching etched)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 09:06 |
| S12 05 | 62 | S1203 and thickness and (etch etching etched) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 10:06 |
| S12 06 | 27 | S1205 not S1204 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 13:32 |
| S12 07 | 1 | "6444501".pn. and (leadframe (lead near frame)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 13:33 |

EAST Search History

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|--------------------|--|---|--|----|----|------------------|
| S12 08 | 501 | (US-20030228720-\$ or US-20040124505-\$ or US-20050104168-\$ or US-20050051877-\$ or US-20040080025-\$ or US-20040070056-\$ or US-20040262752-\$ or US-20030127711-\$ or US-20050224924-\$ or US-20050218499-\$ or US-20040164387-\$ or US-20050206010-\$ or US-20050098860-\$ or US-20050088565-\$ or US-20040056357-\$ or US-20030234445-\$ or US-20050218489-\$ or US-20050199987-\$ or US-20050194676-\$ or US-20020019073-\$ or US-20020031865-\$ or US-20040217470-\$ or US-20040217456-\$ or US-20050093117-\$ or US-20050176171-\$ or US-20020020923-\$).did. or (US-20020024127-\$ or US-20020109214-\$ or US-20020084518-\$ or US-20010008305-\$ or US-20020025607-\$ or US-20020079563-\$ or US-20020005576-\$ or US-20020027276-\$ or US-20020096749-\$ or US-20020146864-\$ or US-20020182774-\$ or US-20030006055-\$ or US-20020192874-\$ or US-20020153596-\$ or US-20030006492-\$ or US-20030052405-\$ or US-20030003627-\$ or US-20030001244-\$ or US-20020020906-\$ or US-20030082854-\$ or US-20020197826-\$).did. or (US-6198163-\$ or US-6201292-\$ or US-6100598-\$ or US-6828688-\$ or US-6444501-\$ or US-6084292-\$ or US-6008068-\$ or US-6025640-\$ or US-5683943-\$ or US-5953589-\$ or US-5475259-\$ or US-5440452-\$ or US-6201294-\$ or US-6181560-\$ or US-6118174-\$ or US-6020218-\$ or US-6002170-\$ or US-5969416-\$ or US-5963796-\$ or US-6211462-\$ or US-6781243-\$ or US-6737737-\$ or US-6181000-\$ or US-5773313-\$ or | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/10 09:04 |
| 1/17/07 9:47:44 AM | C:\Documents and Settings\Tina My Documents\EAST\Workspaces\%flat-package-leadframe-tabs.wsp | | | | | Page 4 |

EAST Search History

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|-----------|------|---|---|----|----|------------------|
| S12 09 | 474 | S1208 and (leadframe lead (lead near frame)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 09:06 |
| S12 10 | 293 | S1209 and thickness and (etch etching etched) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 10:14 |
| S12 11 | 2514 | 257/676.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 10:14 |
| S12 12 | 631 | S1211 and thickness and (etch etching etched) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 10:15 |
| S12 13 | 394 | S1212 and (((die mount\$3) near pad) (mount\$3 near (region pad area portion))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 10:16 |
| S12 14 | 192 | S1213 and (bending bent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 10:16 |
| S12 15 | 156 | S1214 not S1210 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 12:44 |
| S12 16 | 238 | S1213 not S1215 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 12:44 |

EAST Search History

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|-----------|----|-------------------------|---|----|----|------------------|
| S12 17 | 39 | S1216 and (memory card) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 12:45 |
|-----------|----|-------------------------|---|----|----|------------------|